



Sugar Shortage is World-Wide Much Manipulation in Actual Sup-Says Willett & Gray-Indication of Higher Prices In 1917

There were heavy sales of raw sugar Confidential advices received by one at New York during the week ending of the local sugar houses from New October 5, according to William & Gray, York under date of October 5 state amounting to 410,000 bags of Cubas that, "strength on this market conand Porto Ricos; 5000 tons Perus and stinues, and buying by refiners has, all 900 tons Demerara, all in port, at of this week, given a very healthy tone

332,823 tons from last year, a decrease of the Cuban than an expension of the cuban than the same figure paid some months ago.

They state, in part, that the market same figure paid some months ago.

The total stocks in hunds of importers have now been reduced to 27,000 tons. It has been thought for 5c c. & f. (6.02c). Stocks Very Small

Stocks of sugar in Cuba and the l'nited States together are now below lost year, and with delayed deliveries of new domestic beet sugar, present values seem warranted for a time at

A matter of interest is the large sules of sugars recently from ware-house to refiners. Last week the importers' stock was 54,607 tons and this week the importers' stock is reduced to 30,460 tons.

One Central continues to grind, the same as last year, but the receipts for the week are 1835 tons, sgainst 5618 tons for corresponding week last year. The increased activity in the markets is reflected in the larger experts this week-24,406 tons total-destined 18,-098 tons to the U. S. Atlantic Ports. 5,023 tons to New Orleans and 1285 tons to Galveston, with no shipments

is estimated at 2,975,095 tons. The weather has continued favorable for the growing crop, heavy rains occurring generally, being especially so in some parts. During the week heavy rains

United Kingdom refineries are reported to be working full time again.

official forceasts of the area planted to sugar cane in India this year show bedged very extensively by selling Design deficiency of seven per cent from cember options in the exchange marwas caused by unfavorable weather—deficient reinfall and lack of water supply. The decrease in the sowings would have been greater had not high sugar prices been prevailing. Follow ing the plantings, good rains have been experienced, so that crop condition is now considered fair to good.

Sugarless Days In Russia Sugar supplies are even shorter in Russia than those that have been existing in the U. K. and France. In Russia there occur "sugarless days," when everyone has to go without the article, as there is none to be had. In order to stimulate production, new factories will be relieved from paying excise taxes on their production. Arrange-ments are also being made to loan money to sugar factories against sugar, the same as on grain. Beet Crop Backward

A good, steady demand for refined has been reported all week. The withdrawals have been comparatively large and invariably prompt shipment is demanded. In most cases prompt ship-ment is difficult to obtain and the trade is having trouble in obtaining sugars, and as the domestic beet crop is backward, these appears no immediate relief to the situation.

one, following raws.
Rumored Export Sales

large export sales during the week, the greater part of which lacked definite reports the sale of some 30,000 tons I January March shipment. While further particulars are withheld; we under stand from our cable advices that this sugar was purchased by Switzerland.

advance in local quotations and sellers ries that may begin work during the now ask 5,90c to 6c, net cash, in bond, next few years. The measures sug for fine granulated. Michigan and Ohio gested, of course, will not solve the dif-Beet Granulated has also advanced acuity that immediately menaces sugar from 6.55c, New York basis, to 6.80c. Domestic Beet Crop

Based on Government Weather Reports and notes from the press to Octo-

ber 4, 1916: Temperatures had risen somewhat According to the Kieff Muisi, a conduring the week over the beet sections derence has been held at the Central ly cooler weather prevails, with heavy deal with the question of financing the raw frosts reported from some parts of Ohio cugar factories. The conference adopted Michigan and light snows in sections of Montana. Good showers have the facilitation of credit at the private fallen in Wisconsin, and on the Pacific banks for sugar manufacturers under Oregon a little more train would be bene. It was decided that it was desirable to ficial. The Colorado crop continues in advance money to sugar factories very good condition. Threshing of beet egwinst sugar pretty much on the same seed grown at the Loveland factory was principle as is subject in lending started this week, according to our ad money on grain. wices, and the yield from the 300 acres of seed beets appears to be very good.

Payment of regular quarterly divi- dustry.

## plies For Refiner's Purposes is Apparent

nearby positions, or affort for October to the whole situation. The American has been the largest buyer, and as a Stocks in the United States and Cuba together were 411,992 tons, against 492,867 tons last week and 532,823 tons last year, a decrease of 90,831 tons from last year.

The contract of the whole situation. The American has been the largest buyer, and as a rule the preference has been given to sugars in nearby positions at 5c C. & P. for Cubas. Owing to the low freight prevailing at the moment, this price is much better for the Cubas than the

some time that the figures published in this connection have been faulty, but it was difficult to prove anything. It is known now that the stock in store of one importer has been reduced within a mouth from 250,000 to 21,000 bags, and other importers have made proportionate reductions by selling to refiners in urgent need of supplies.

Raws Getting Scarcer
At present there is some sugar of-fered from Cuba for attaight October shipment at 5e C. & F., but every day that passes makes this sugar more desirable in the eyes of refiners, and we will not be surprised to see higher figures paid for sugars in prompt posi tions,

"The coming into the market of both Louisiana cane and western beet sug-ars in appreciable quantities is yet an uncertain proposition, and refiners of imported cane sugar still have the market entirely in their own hands. There has been a lot of incomprehensible tons to Galveston, with no snipments to Europe. Stocks in the island stand at 297,176 tons.

Visible production to September 30th between Boston and New York at refiners' expense, and our conclusion is finers' expense, and our conclusion is that refigers auddenly made the discovery that stocks of raws here were seri ously depleted, as already indicated in

parts. During the week neavy tains occurred on one day, and moderate rains the balance of the week.

Condition Abroad

Law show two car
January to March, last, growth only goes (9,136) shipped to Norway in June this year and 2,837 tons to Holland. United Kingdom refineries are report. tions, will be low in sucrose. It is also Official forecasts of the area planted said that beet sugar interests have deficiency of seven per cent com- ket There is grave doubt as to their seed with last year. The shortage ability to find "good delivery" sugar when the time comes and a possible scramble in the effort to buy in their options.

'Reflued sugar, so far as the domestic trade is concerned, is not very active. The trade has covered its immediate requirements and does not feel disposed to follow up the market. Meltings have again exceeded normal after a prolonged period of excessively small meltings as compared with previous mars 11 . 14 . 11

## Kipahulu Grinds Early

Ripahula Sugar Company will com-mence grinding its 1917 srop on De-cember 1, and the manager's estimate calls for 3000 tons. The weather has been exceptionally favorable and growing conditions excellent.

dend of 30 cents per share on I tab-Idaho Sugar Company's stock was au-thorized on September 21, payable on

vard, there appears no immediate relief to the situation.

The market has been an advancing one, following raws.

There have been numerous reports of street arge export sales during the week, the greater part of which lacked definite confirmation. However, the Federal eports the sale of some 30,000 tons posed for the encouragement of a larger sugar production as early as the larger sugar production as early as the same can be made practicable. One of the forms amounts to a series of exgar was purchased by Switzerland. emptions in respect to excise to come Export quotations have followed the lipto operation in favor of new factoconsumers, but presumably that is a through with as little friction as may

Will Pinance Factories

of the country, but at the close decided Bureau for the purchase of sugar, to Coast some rain is also reported. In certain circumstances and conditions.

Regarding the commercial position of sugar, there is no practical change. It is reported that the Great Western The various consuming centers, includ-Sugar Company is planning to build ing Petrograd, have to pass through another new factory in Nebraska, at sugarless days often enough, but that Bayard, which is about twenty-five is only a local-and it is to be hoped a miles from their Gering and Scottsbluff passing-phase, though a very dis agreeable one, of the national sugar in-

## Status of the Sugar Industry Thirty-six Years Ago

With the estimates for the 1917 sugar crop standing in the neighborhood of 652,000 tons it will be interesting to make some comparisons with the crop estimates made by J. S. Walker in 1875, just three years after the signing of King Kalakaua's Reciprocity Treaty with the United States. After this treaty had gone into operation an attempt was made to absorbe it on the grounds that foreign rether than American capital was chiefly benefited.

These statistics were therefore compiled, showing that thirty-four out of the fifty-four plantations were owned by Americans; thirteen English: two Chinese; one Danish; one German; one Treach; and one jointly owned by English and Germans.

At that time, the estimated value of the fifty-four plantations was \$9,015,000 and more than \$1,400,000 had been lost by the original promoters of some of the early plantations. The estimated area of land planted in cane was \$2,00 acres while the estimated crop to be harvested in 1880 was 44,210 tons.

There were in those days only two plantations in the 2000-ton class, Halku and Naalehu, and only sixteen others that hoped to produce 1000 tons or more. There were also only three plantations having 1000 acres or more planted in cane.

The official compilation as given below, has never before been published.

STANDING OF THE HAWAHAN SUGAR PLANTATIONS IN 1880.

The date of their commencement, the amounts of land under came, the probable amount of sugar crop of 1880, the time the caue in different localities requires to mature, the amount of capital sunk in former years (some having been abandoned, and many changed hands at new nominal figures), and the nationality of the owners.

	- 2	12 P			100		
Name.	Started	Acres Cane	Crop 1880	Matures	Estimated Value	Nationality of Owners	Remarks
Kapapula	1877	1600 acres	1200 tons	18 to 36 mos.	\$350,000	American	Machinery on the ground, not yet put up
Hiles	9 1878	400 (4	800 **	18 14	150,000	American	Machinery in Honolula
Nealchu	1868	2550 40	2000	18 to 36 "	350,000	American	agacinary no monomia
Kohala Sugar Co	1862	600 . **	1600	18 **	500,000	American	* Tr
Hinds' Mills	1876	400 "	1200	18	200,000	English	
Union Mills	1874	400 "	1000 ''	18 **	125,000	English	Plantees for mill own part of the land
Star Mills	1878	250 "	750	18 **	125,000	American	Plantees for mill own part of the land
Hart & Co	1877	240 ''	600 ''	18 **	75,000	English	Plantees for mill own part of the land
Dr. Wight	1870	250 ''	600	18	100,000	English	474 1 7 24
Pacific Mills	1878	410 "	000	162 0	125,000	American*	Machinery on wharf at Honolulu
Honokan	1876	500 "	1200	16 0	200,000	English	1.127.21
Panuhau	1878	850 11	A session	100	100,000	American	Machinery on wharf at Honolulu
Notley & Co	1878	-	1000	***	100,000	English	Machinery shipped from Honolulu to plant.
Ookala Lidgates	1877	250 "	606	16 4	150,000	English	tale and the state of the state
Kaupakuea	1859	850 "	800	16 7	120,000	English	Sunk \$100,000 up to 1872 when sold
Makahanaloa	1877	280 "	1000	16 0	130,000	Chinese	Machinery on the ground
Onemea	1863	300 \	700 **	18 766	100,000	American	Sunk \$120,000 (by compromises) up to 1874
Paukaa	1850	300 **	600	18 **	80,000	American	Sunk \$60,000 (by compromises) up to 1870.
Hitchcock Bros	1875	280 **	800 **	18 41	100,000	American	read for how (n) compression of to the
T. Spencer		400 "	700 ''	18 **	100,000	American	Sunk \$100,000, 1868 to 1874 (compromised with creditor
J. Costa	1878	120 "	250 ''	18	15,000	American	
McCandless & Co	1877	75 "	200 ''	18	40,000	American	Machinery on the ground not in working order
Wainkea	1877	275	800	18 .0	,100,000	English	Machinery in Honolulu nearly completed
	,	-			OAHU.		
Weialua	1864	200 acres	. 500 tons	, 16 to 18 mos.	. # 80,000	American	Original owners lost \$60,000
Laie	1868	140 44	60 **	16 " 18 "	25,000	American	
Kantaen	1864	150 **	250	16 ** 18 ***	50,000	English	Original owners sunk \$200,000
McKeng (Hein)		300	600	16 17 18. 17	125,000	English	500 00 00 00 00 00 00 00 00 00 00 00 00
Harris (Kaneohe)	1864	150	300	16 " 18 "	125,000	American	Original owners sunk \$50,000
Waimanalo	1878	300	800 11	16 " 18 "	185,000	American	Machinery on ground
Wainnae	1878	120 ''	500 "	16 " 18 "	100,000	German	Machinery on ground
1 .	, Y	É	X 8		MAUI.		A the spirit and the
Lahnina	1863	500 acres	1200 tous	16 mos.	\$400,000	American	Compromised with creditors, loss \$100,000 up to 1866
Olowalu	1877	250 **	700 **	16	200,800	American	Sometimes that the state of the state of the state of
Waikapu	1864	350 "	760 11	16	225,000	Américan	
Wailuku	1863	800 "	1500 **	16	300,000	American	
Waihee L	1863	800 "	1200 4	16 "	275,000	American	Original owner lost \$100,000
Grove Ranch	1850	300 "	1000	16	250,000	American	Original owner lost \$60,000
Baldwin & Co	1870	400 **	800 11	16	200,000	American	
Hailen	1862	1000	2000	16 to 24	500,000	American	4 2 2
East Mani	1850	450 **	800 **	24	175,000	American	Small portion of the cane land owned by outside part
Watson & Co	1878	300	700 **	18	100,000	English	Machinery in Honolulu, cost facluded in value
Akana & Co	1877	400 44	800 **	24 "	120,000	American	Machinery in Honolulu, cost included in value
Hana		200	600 "-	10	100,000	Dane	Original owners sunk \$45,000 (by compromises)
Ulupalakua	1860	200 44	300 ''	24 "	1 150,000	American	1.83
(F)	-	P 12		1111	KAUAI.	1 2	
1.116	440	1. 1. 1. 1.		44			0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Liliue	1850	700 acres	Topo tops	16 to 18 mos.		American	Original owners sunk \$200,000
Koloa	1845	500 44	1200 (4	16 '' 18 ''	200,000	American	Original owners sunk \$60,000
Kapaa	1877	750 **	1500 14	16 '' 18 ''	300,000	American	Art of the Assessment
Kenlia	100,000	450 "	1000 ''	16 " 18 "	100,000	American	Machinery being built
Kilauea	1877	260 44	800 11	16 " 18 "	230,000	American	Machinery on the ground not in place
Princeville	1862	150 4	400 11	16 4 18	200 000 150,000	American Eng. & Ger	Original owners sunk \$160,000 Machinery on the ground not set up
			77.	- TOT - 27 - 7	MOLOKAL		5 14 Applied 5 1 Applied 5 4 Applied 5 20 Ap
				-	HOLOKAL		
Bai & Co	1877	150 acres	250 tons		\$ 75,000	French	A
McColgan	1877	75 "	100 C	18	25,000	English	
Meyer	1878	30 **	50 %		10,000	- German	

Aside from the above, the Kaiwiki Plantation, Hilo, and the Wilder Plantation, Onbu, have been abandoned. The Lahaina Sugar Co. of Lahaina, and Bal Adams, Walluku, have been merged, the former with Lahaina and the latter with Walluku, at a loss to the owners and others of over \$300,000. Honolulu, Aug. 27, 1879. J. S. WALKER (Signed)

# REFINERS CAUGHT SHOR ARE BUYING ALL RAWS

NEW YORK, September 22-The time appears now to have been reached which we looked forward to, when all of the grocers wish to buy at one time, oud the result is distinctly seen in the withdrawal from the market of three refluers and the oversold position of

In spite of repeated advances, orders for the most prompt shipment of sugar come in rapidly and continue to be recived by all refiners, and everything indicates that many grocers are unable to supply their customers with sugar

upon request.

The heavy buying has had a somewhat like effect upon the refiners, who, naturally not having laid in a supply of raws at the high prices previously prevailing, now wish to cover sales of refined with raws as fast as made; and shich requires such rapid buying in the raw market that support is given to rapid continued advances.-Willett's

## The 1916 Totals

According to present estimates based on the assumption that the Sugar Factors Company handles eighty-four per cent of the total Hawaiian output the 1916 crop will be about 567,500 tons. This is 20,782 tons less than the June estimate of 588,282 tons, and nearly 80,000 tons lose than the crop of 1915

## Olaa Weather

## Russian Beet Seed

SEATTLE, September 14. The Rail way and Maring News of this city features the following item in its Sep

tember issue:
"A new and important trade move when a shipment of 6,000 sacks of Russian beet seed was received on Puget Sound by one of the big Japa nese freighters, through the well known importing house of Frank P. Dow Company, 25,000 tons, 11,500 tons, 11,500 tons, 11,500 tons, 25,000 tons, and Hawaiian Agricultural Company, 13,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 10,000 tons, 12,000 tons, 12,000 tons, 10,000 tons, 12,000 tons, 12,000 tons, 10,000 tons, 12,000 tons, 10,000 tons, 12,000 tons, 10,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 12,000 tons, 13,000 tons, 12,000 tons, 12,000

Importing house of Frank P. Dow Company.

The shipment originated at Kieff, in the interior of Bussia, and moved over the trans-Siberian railroad to Viadivostok, thence to Japan, and thence to Puget Sound, where it was transferred to Union Pacific cars and sent by fast freight to Salt Lake City, the gauges marked three inches, C. Brewer & Company report. It was so distributed among the farmers of Utah and Idaho. The seed cost f. p. b. Puget and Idaho. The seed cost f. p. b. Puget cane fields were getting in bad shape. and Idaho. The seed cost f. p. b. Puget cane fields were getting in bad shape. Sound \$135,000, and other shipments This rain has saved the situation. company operating sugar plants in Utah, Idaho, and Oregon, and now plan-ning a new factory at Yakima, Wash.,

## Cuban Potash

A surface deposit of potash salts covering an area of about 10,000 acres has been discovered at Motembo, about 100 miles cust of Havans, Cuba and day. companies are bing formed to work the deposits. It is claimed that the potush is in the form of oxide and has been derived from volcanie ash under conditions which have leached the potasi out of the black sand.

## Cane Tassels Late

Alexander & Baldwin report the be-

## Brewer 1917 Estimates

C. Brewer & Company have nanouve ed preliminary estimates for five of their plantations as follows: Wailuku Sugar Company, 18,000 tons; Onomea Sugar Company, 21,000 tons; Pepcekeo age and averages are for shipping a

## Total Factor's Shipments

The total shipments of 1916 erop sugars by the Sugar Factors Company are very close to a total of 476,600 tons compared with the preliminary estimate made in October 1915, of 497,000 tons. Some of the 1916 sugars will not leave here before November or December Manager A. M. Nowell stated yester

## Rain On Lanal

There was two inches of rain all over Lanai last week which has helped grazing conditions materially. ranch now looks fine, H. H. Huckfeld & Company reported yesterday.

## Granulated Higher

places the total out firm at 3,367,479 tons, and that of the 1917 crop possibly ten per cent ligher. This estimate is probably in short tons as Willett & Gray estimated the total visible prodiction on September 23 at 2,973,260 

distributors' hands throughout the South was related on the land sugar exchange during the past week by A. Bainold, a preminent Louislann sug ar broker.

Mr. Rainold stated to his fellow brokers that while in Asherville, N. C. the city was cut off from all rail communication for several days owing to destructive floods in the Carolinas, and that after the second day of the isoke tion period if was impossible to buy a pound of sugar in the city from do-Bishop & Company report cane conditions exceptionally favorable for the growing cane at Olas. The weather will be at least three weeks later than thus been warm with light showers.

Signature a paigwin report the becoming of arrow formation in some ditions exceptionally favorable for the growing cane at Olas. The weather will be at least three weeks later than the stricky of daily rail deliveries to supply to be coming along rapidly, and the stricky on daily rail deliveries to supply the \$7,45 basis.

# TAKING STOCK OF

Willett & Gray Report a Census of Holdings By Refiners and Speculators

Sales of raw angar at New York being the week ending September 28 meanted to only 61,000 bags.

Mtocks in the United States and Cuha together were 493,867 tons, against 546,586 tons last week and 599,304 tons last year, a decrease of 105,437 tons

from last year
According to Willett & Gray on Soptember 1 1916, the stock of raw sugar at the Atlantic Ports was 269,762 tons, which figure included stocks of free duty sugars, as Porto Ricos, Philippines and Hawanians, the arrivals of which

The government reports that the stock in bond at Atlantic Ports on September 1, 1916, was 205,243 tons, which of course, is all rugar on which duty has to be paid. Besides these dutiable sugars in bond there is of course, a fair quantity of Cubas and other dutinble sugar held by refiners in part, on wharfs and in refineries upon which duty has been paid, and of course, not included in the government's report of stock in

With only one Cuban central confinuing to grind the old grop, receipts for the week were 780 tons, against 7538 tons has year, with one factory still working. Exports continue moderate despite the large sales of raws made in New York has week total 15,704 ton distributed with the continue of the cont 704 tons, distributed \$234 tons to U. S. Atlantic Ports, 2941 tons to New Or-

Atlantic Ports, 2041 tons to New Orleans where sugar is argently needed, 3581 tons to Galveston (making three cargoes shipped to that port in as many weeks), and 948 tons to Europe.

Total stock in the island is slightly lower, at 319 747 tons. Visible production to September 23rd is 2,973,260 ton, Wenther has continued favorable three-bout the week for the growing 1976-17 crep. Special cable reports general raiss in the island, but particularly heavy precipitation in Santa Chara Province. ra Province.

The new 1916-17 Brazil crop, began ning in September, is estimated at 258,000 tons. Last season's crop was about 194,000 tons.

Some reports received indicate a Hel-land beet crop this fall of about 275, and beet erop this fall of about 275, 000 tons, thirty to forty per cent of which it will be possible to expert. Last venr a considerable amount was exported to the Central European countries, but the hardening of the British blockade now precludes this, leaving Holland to depend upon the U. K. and Frence as purchasers of her export sugar.

# SUGAR SHORTAGE IN ALL CENTRAL EUROPE

Prinsen-Geerligs in his European News Letter to the Louisians Planter tells of the distressing sugar shortage in Germany, where the War Feeding Bureau has cut down the per capita pro rata to the bareat minimum. Cac-charin is being issued to many families who camnot obtain sogar and yet wish to sweeten their tea, coffee and other beverages, and public notices have been issued that it is uncless for anyone to ask for sugar to use in preserving fraits for no such requests will be granted.

MARKET LAST WEEK:

CUBAN CROP ESTIMATES

CUBAN CROP ESTIMATES

According to eablegrams received by a local sugar house, during the week ending October 1 besters of raw sugar at New York were 315,000 tags Cubas, 10,000 tags Porto, Ricca and 7,000 tass are leading overhead and row of the British government some months are porton of the British government some months are for October delivery at 6,27 with refiners bidding 6,15. Central Sauta gold, Java crop prospects have much

gold. Java erop prospects have much improved, abundant rains having fallon, thus breaking the long drought.

#### DUTCH SUGAR SCIENTIST'S ANNIVERSARY HONORED

August 7, 1916, the twenty fifth an Sugar Stocks Short

NEW ORLEANS, Ia., September 11

A striking illustration of the short age of refined sugar stocks existing in distributors' hands throughout the sented the eminent scientist with a sented the sente sented the eminent scientist with a marble bust of himself which is to be forwarded to Juva to be placed in the reception half of the experiment station at Pekalongun. Handreds of congrat-ulatory cablegrams were received by the Doctor from men prominent in sugar circles all over the world.

#### ----Rain At Waianae

There was an inch of rain at Wainne mill the latter part of last week